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Atty. D c k t No.
97002-CSerial N .
09/369,236Applicant:
Krafft, et al.Filing Date:
August 4, 1999Gr up:
1641

U.S. PATENT DOCUMENTS

Examiner's Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
as	BA	WO 94/10569	9/1/93	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

as	CA	Busciglio, J., et al. (1995) β -Amyloid Fibrils Induce Tau Phosphorylation and Loss of Microtubule Binding. <i>Neuron</i> 14, 879-888.
as	CB	Cai, X.D., et al. (1993) Release Of Excess Amyloid Beta Protein From a Mutant Amyloid Beta Protein Precursor. <i>Science</i> 259, 514-516.
as	CC	Chartier-Harlan, M.C., et al. (1991) Early-onset Alzheimer's Disease Caused by Mutations at Codon 717 of the β -Amyloid Precursor Protein. <i>Nature</i> , 353, 844-846.
as	CD	Citron, M., et al. (1992) Mutation Of the Amyloid Precursor Protein In Familial Alzheimer's Disease Increases Beta Protein Production. <i>Nature</i> 360, 672-674.
as	CE	Esch, F. S., et al. (1990) Cleavage Of Amyloid Beta Peptide During Constitutive Processing Of Its Precursor <i>Science</i> 248, 1122-1124.
as	CF	Glenner, G. G. & Wong, C. W. (1984a) Alzheimer's Disease Initial Report Of the Purification and Characterization Of a Novel Cerebro Vascular Amyloid. <i>Biochem. Biophys. Res. Commun.</i> 120, 885-890.
as	CG	Glenner, G. G. & Wong, C. W. (1984b) Alzheimer's Disease and Downs Syndrome Sharing Of a Unique Cerebrovascular Amyloid Fibril Protein. <i>Biochem. Biophys. Res. Commun.</i> 122, 1131-1135.
EXAMINER <i>Ansh Gupta</i>		DATE CONSIDERED <i>6/21/02</i>

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ag	CH	Goate, A., et al. (1991) Segregation of a Missense Mutation in the Amyloid Precursor Protein Gene with Familial Alzheimer's Disease. <i>Nature</i> , 349, 704-706.
as	CI	Iversen, L. L., et al. (1995) The toxicity in vitro of β -amyloid protein. <i>Biochemistry</i> 311, 1-16.
ag	CJ	Kang, J., et al. (1987) <i>Nature</i> 325, 733-736.
ag	CAQ	Kuo, Y.-M., et al. (1996) Water-soluble A β (N-40, N-42) Oligomers in Normal and Alzheimer Disease Brains. <i>J. Biol. Chem.</i> , 271(8), 4077-4081
ag	CK	Ladror, U. S., et al. (1994) "Cleavage at the Amino and Carboxy Termini of Alzheimer's Amyloid- β by Cathepsin D" <i>J. Biol. Chem.</i> 269, 18422-18428.
ag	CL	Ladu, M. J., et al. (1994) Isoform-Specific Binding of Apolipoprotein-E to Beta-Amyloid. <i>J. Biol. Chem.</i> 269, 23403-23406.
ag	CM	Ladu, M. J., et al. (1994) Purification of Apolipoprotein-E Attenuates Isoform-Specific Binding to Beta-Amyloid. <i>J. Biol. Chem.</i> 269, 9039-9042.
ag	CN	Lambert, M. P., et al. (1994) b/A4-Evoked Degeneration of Differentiated SH-Sy5Y Human Neuroblastoma Cells. <i>J. Neurosci. Res.</i> 39, 377-384.
ag	CO	Levy-Lahad, E., et al. (1995) A Familial Alzheimer's Disease Locus on Chromosome 1. <i>Science</i> 269: 970-973.
ag	CP	Lorenzo, A. & Yankner, B. A. (1994) β -Amyloid neurotoxicity requires fibril information and is inhibited by Congo red. <i>Proc. Natl. Acad. Sci. USA</i> 91, 12243-12247.
ag	CQ	Ma J, et al. (1994) The amyloid-associated proteins α 1-antichymotrypsin and apolipoprotein E promote the assembly of the Alzheimer β -protein into filaments. <i>Nature</i> 372: 92-94.
ag	CR	Mann, D. M., et al. (1996) Amyloid beta protein (A β) deposition in chromosome, 14-linked Alzheimer's disease: predominance of A β 42(43). <i>Ann. of Neurol.</i> 40, 149-56.
ag	CS	Masters, C.L., et al. (1985a) Neuronal Origin Of a Cerebral Amyloid: Neurofibrillary Tangles Of Alzheimer's Disease Contain the Same Protein As the Amyloid Of Plaque Cores and Blood Vessels. <i>EMBO J.</i> 4, 2757-2764.
ag	CT	Masters, C.L., et al. (1985b) Amyloid Plaque Core Protein In Alzheimer's Disease and Down Syndrome. <i>Proc Natl Acad Sci U S A</i> 82, 4245-4249.
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08	CU	May, P. C., et al. (1992) β -Amyloid Peptide In Vitro Toxicity: Lot-to-Lot Variability. <i>Neurobiol. Aging</i> 13, 605-607.
00	CV	Mullan, M., et al. (1992) A Pathogenic Mutation for Probable Alzheimer's-Disease in the APP Gene at the N-Terminus of Beta-Amyloid. <i>Nature Genetics</i> 1, 345-347.
08	CW	Murrell, J., et al. (1991) A mutation in the Amyloid Precursor Protein Associated with Hereditary Alzheimer's Disease. <i>Science</i> , 254, 97-9.
00	CX	Namgung, U., et al. (1995) Long-term potentiation in vivo in the intact mouse hippocampus. <i>Brain Res.</i> 689, 85-92.
00	CY	Oda, T., et al. (1994) Purification and Characterization of Brain Clusterin. <i>Biochem. Biophys. Res. Commun.</i> , 204, 1131-1136.
00	CZ	Oda, T., et al. (1995) Clusterin (apoJ) Alters the Aggregation of Amyloid β -Peptide ($A\beta_{1-42}$) and Forms Slowly Sedimenting $A\beta$ /Clusterin complexes that cause Oxidative Stress. <i>Exptl. Neurol.</i> 136, 22-31.
00	CAA	Pike, C. J., et al. (1993) Neurodegeneration Induced by β -Amyloid Peptides in vitro: The Role of Peptide Assembly State. <i>J. Neurosci.</i> 13(4), 1676-1687.
00	CAB	Roher, A. E., et al. (1993) Morphological and biochemical analyses of amyloid plaque core proteins purified from Alzheimer's disease brain tissue. <i>J. Neurochem.</i> 61, 1916-1926.
00	CAR	Roher, A. E., et al. (1993) β -Amyloid-(1-42) is a major component of cerebrovascular amyloid deposits: Implication for the pathology of Alzheimer disease. <i>Biochemistry</i> , 90, 10836-10840
00	CAS	Roher, A. E., et al. (1996) Morphology and toxicity of $A\beta$ -(1-42) Dimer Derived from Neuritic and Vascular Amyloid Deposits of Alzheimer's Disease. <i>J. Biol. Chem.</i> 271(34), 20631-20635
00	CAC	Scheuner, D., et al. (1996) Secreted amyloid beta-protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease. <i>Nature Medicine</i> 2, 864-870.
00	CAD	Selkoe, D. J. (1994) Normal and abnormal biology of the beta-amyloid precursor protein. Cowan, W. M. (Ed.). <i>Ann. Rev. Neurosci.</i> Vol. 17. ix + 623p. Annual Reviews Inc.: Palo Alto, California, USA., 489-517.

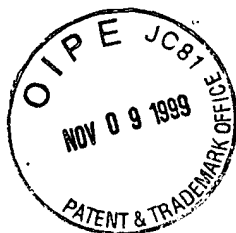
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00	CAE	Sherrington, R., et al. (1995) Cloning a gene bearing missense mutations in early onset familial Alzheimer's disease. <i>Nature</i> 375: 754-760.
00	CAF	Simmons, L. K., et al. (1994) Secondary Structure of Amyloid β Peptide Correlates with Neurotoxic Activity In Vitro. <i>Molec. Pharmacol.</i> 45, 373-379.
00	CAG	Sisodia, S. S., et al. (1990) Evidence That Beta Amyloid Protein In Alzheimer's Disease Is Not Derived By Normal Processing. <i>Science</i> 248, 492-495.
00	CAH	Snow, A. D., et al. (1992) A Rat Model to Study the Effects of BAP-Containing Amyloid in Brain. ("Brain amyloid accumulation in rats within 1 week of infusion of amyloid- β and a plaque component") <i>Soc. Neurosci. Abstr.</i> 18, 1465, Ab. 616.6.
00	CAI	Snyder, S. W., et al. (1994) Amyloid β Aggregation: Selective Inhibition of Aggregation in Mixtures of Amyloid with Different Lengths. <i>Biophys. J.</i> 67, 1216-28.
00	CAJ	Strittmatter, W. J., et al. (1993) Apolipoprotein E: High-avidity binding to β -amyloid and increased frequency of type 4 allele in late-onset familial Alzheimer disease. <i>Proc. Natl. Acad. Sci. USA</i> 90, 1977-1981.
00	CAK	Suzuki, N., et al. (1994) An increased percentage of long amyloid β protein secreted by familial amyloid protein precursor (beta-APP-717) mutants. <i>Science</i> 264, 1336-1340.
00	CAL	Tamaoka, A. et al. (1994) Biochemical Evidence for the Long-Tail Form (A β -1-42-43) of Amyloid-Beta Protein as a Seed Molecule in Cerebral Deposits of Alzheimer's Disease. <i>Biochem. Biophys. Res. Commun.</i> 205, 834-842.
00	CAM	Tanzi, R. E., et al. (1987) Amyloid Beta Protein Gene Complementary DNA, mRNA Distribution and Genetic Linkage Near the Alzheimer Locus. <i>Science</i> 235, 880-884.
00	CAT	Wisniewski, T., et al. (1994) Alzheimer's Disease and Soluble A β . <i>Neurobiol. Aging</i> , 15(2), 143-152
00	CAN	Wright C. I., et al. (1993) Neuroglial cholinesterases in the normal brain and in Alzheimer's Disease: relationship to plaques, tangles and patterns of selective vulnerability. <i>Ann. Neurol.</i> 34, 373-384.
00	CAO	Yankner, B. A. (1996) Mechanisms of Neuronal Degeneration in Alzheimer's Disease. <i>Neuron</i> 16, 921-932.
00	CAP	Zhang, C., et al. (1994) Focal Adhesion Kinase Expressed by Nerve Cells Lines Shows Increased Tyrosine Phosphorylation in Response to Alzheimer's A β Peptide. <i>J. Biol. Chem.</i> 269, 25247-25250.
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